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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

<i>Attorney Docket No.</i>	NTI-030
<i>First Inventor</i>	James K. Falbo
<i>Title</i>	"SHAPE-BASED GEOMETRY ENGINE TO PERFORM SMOOTHING..."
<i>Express Mail Label No.</i>	EL918877760US

APPLICATION ELEMENTS
See MPEP chapter 600 concerning utility patent application contents

J10174
10/01/01
Assistant Commissioner for Patents
ADDRESS TO: Box Patent Application
Washington, DC 20231

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. Applicant Claims small entity status.
See 37 C.F.R. § 1.27.
3. Specification *[Total Pages 41]*
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed-Sponsored R&D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings *(if filed)*
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. § 113) *[Total Sheets 15]*
 - Informal Formal

Use Figure ___ for front page of Publication.
5. Oath or Declaration *[Total Pages 3]*
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6. Application Data Sheet. See 37 C.F.R. § 1.76
7. CD-ROM or CD-R in duplicate, large table or Computer Program *(Appendix)*
8. Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all necessary)*
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. Paper
 - c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR §3.73(b) Statement Power of Attorney *(when there is an assignee)*
11. English Translation Document *(if applicable)*
12. Information Disclosure Statement (IDS) PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503) *(Should be specifically itemized)*
15. Certified Copy of Priority Document(s) *(if foreign priority is claimed)*
16. Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i)
Applicant must attach form PTO-SB-35 or its equivalent.
17. Other:

18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 C.F.R. § 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No. ___/

Prior application information: Examiner _____

Group/Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	0 2 9 4 7 7		or <input type="checkbox"/> Correspondence address below		
NAME					
ADDRESS					
CITY	STATE			ZIP CODE	
Country	Phone	+1 (408)451-5907		FAX	+1 (408)451-5908
Name (Print/Type)	Jeanette S. Harms		Registration No. (Attorney/Agent)	35,537	
Signature			Date	31 December 26, 2001	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231 DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

Complete if Known	
Application Number	Filed Herewith
Filing Date	12/26/2001
First Named Inventor	James K. Falbo
Examiner Name	
Group/Art Unit	

TOTAL AMOUNT OF PAYMENT (\$ 1,830.00)

Attorney Docket Number NTI-030

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 50-0574

Deposit Account Name Bever, Hoffman & Harms, LLP

Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17
 Applicant claims small entity status. See 37 C.F.R. § 1.27

2. Payment Enclosed:

Check Credit Card Money Order Other

FEE CALCULATION (continued)

3. ADDITIONAL FEES

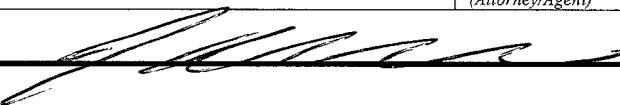
Large Entity Fee Code	Entity Fee (\$)	Small Entity Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	40 00
146	740	246	370	Filing a submission after final rejection (37 CFR 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	
Other fee (Specify) _____					

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40.00)

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Jeanette S. Harms	Registration No (Attorney/Agent)	35,537	Telephone	(4080 451-5907)
Signature				Date	December 26, 2001